

FIGURE 2

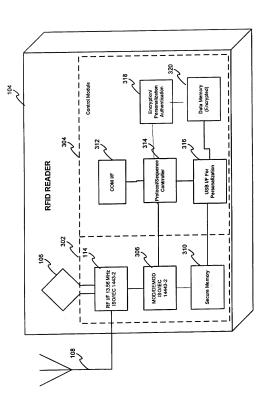


FIGURE 3

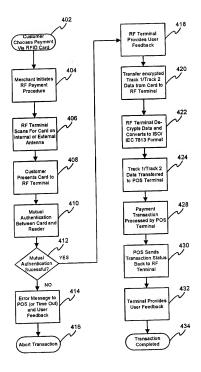
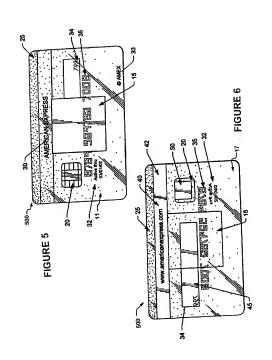


FIGURE 4



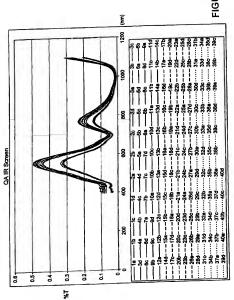
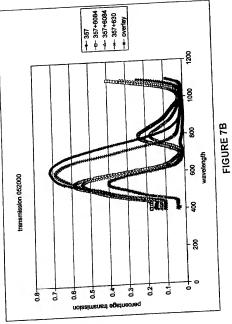


FIGURE 7A



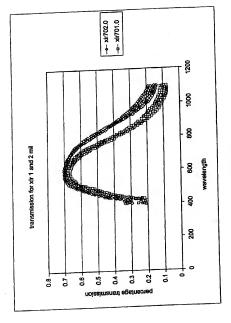


FIGURE 7C

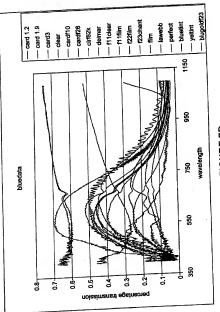


FIGURE 7D

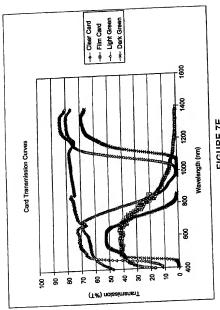


FIGURE 7E

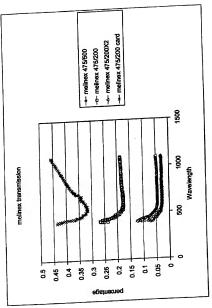


FIGURE 7F

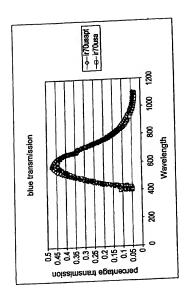


FIGURE 7G

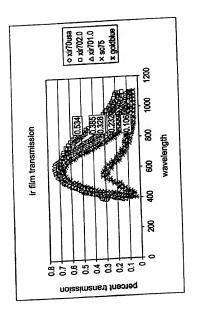


FIGURE 7H

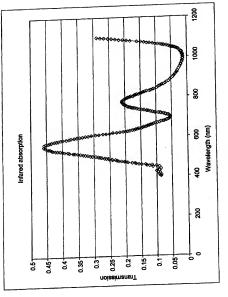


FIGURE 71

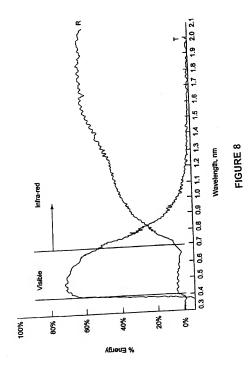


FIGURE 9

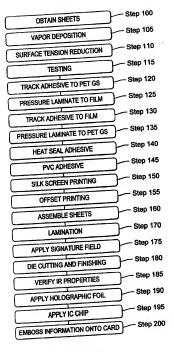


FIGURE 10

CARD FRONT



PVC Laminate with Magnetics - 2.0 mil PET IR block film - 2.0 mil PVC adhesive - 2.0 mil PVC adhesive - 2.0 mil Printed PVC - 9.0 mil PET GS - 1.7 mil PET GS - 1.7 mil Sub-Assembly Construction

Signature Panel, magnetic strip, etc.

CARD BACK

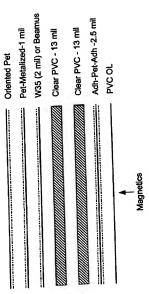


FIGURE 11B

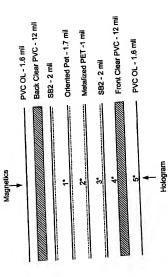


FIGURE 11C

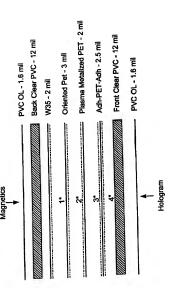


FIGURE 11D

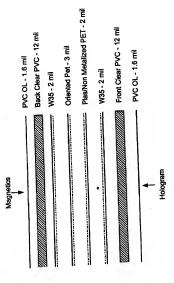


FIGURE 11E

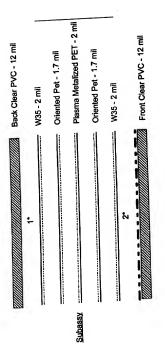


FIGURE 11F

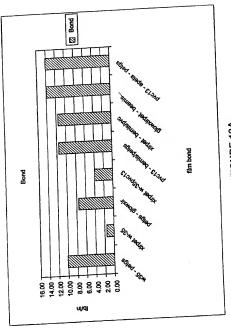
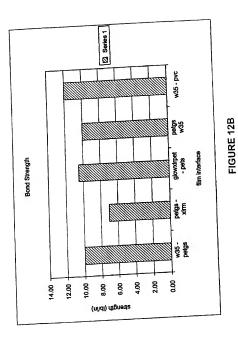


FIGURE 12A



	Material	Specifications	304104	bond low.
	Material Construction 1 - white needs w	ork, lamination temperature	too low, pvc core	front 4.1, 4.4; back 4.0, 4.0
	Construction 1 - write nodes in		oberthur	HORK 4.1. 4.4, DECK 4101
	1 pvc laminate 2 pet adhesive both sides	2.50	allied signal	
	2 pet agnesive bout sides 3 printed core - white #1	12.00	oberthur	
	4 printed core - white #1	12.00	oberthur	
	5 wi-35 pvc (adh to xir)	2.00	klockner	
	5 WI-35 DVC (adm to Am)	1.00	southwall	1,2 mil adhesive, 0,5 mil pet.
	6 xir (metal to pet gs)	1.70	d&k	thickness .030031
	7 pet glue/stamp	32.80		INCKNESS .03000 i
Total				
	Construction 2	1.60	oberthur	
	1 pvc laminate	2.50	allied signal	
	2 pet adhesive both sides	12.00	oberthur	
	3 printed core	12.00	oberthur	
	4 printed core	2.00	klockner	
	5 wl-35 pvc (adh to xir)	1.00	southwall	
	s vir (metal to pet gs)	1.70	d&k	1.2 mil adhesive, 0.5 mil pet.
	7 pet que/stamp (adh to xir)	2.00	klockner	
	8 wi-35 pvc (adh to pet)	34.80	10001010	
Total	O III GO PITT	34.80		
LOGBI	Construction 3	1.60	oberthur	
	1 pvc laminate	2.50	allied signal	
	2 pet adhesive both sides		oberthur	
	3 printed core	12.00	oberthur	
	4 printed core	12.00	klockner	
	5 wi-35 pvc (adh to xir)	2.00	southwall	
	6 xir (metal to pet gs)	1.00	d & k	1.2 mil adhesive, 0.5 mil pet.
	7 pet glue/stamp (adh to xir)	1.70		1.2 IIII dollosive, ord
	8 gomar pvc (adh to pet)	2.00	allied signal	
	8 downer bac (any to bed)	34.80		low
Total	Construction 4 - white #2 too	derk, temperature too low,	ove lamination bond	front - 4.0, 4.3; back tear
	Construction 4 - Write 42 mg	1.60	obermur	mont - 4.0, 4.5, open to-
	1 pvc laminate	2.50	allied signal	
	2 pet adhesive both sides	12.00	oberthur	
	3 printed core - white #2	12.00	oberthur	
	4 printed core - white #2	2.00	klockner	
	5 bernis (adh to xir)	1.00	southwall	
	6 xir (metal to pet gs)	1.70	d & k	1.2 mil adhesive, 0.5 mil pet.
	7 pet glue/stamp	22.50		thickness .030031
Total		o dark, temperature too low	pvc lamination bon	low
	Construction 5 - white #3 to	1.60	oberthur	•
	1 nyc taminate	2.50	allied signal	
	2 net adhesive both sides	12.00	oberthur	
	3 printed core - white #3	12.00	oberthur	
	4 printed core - white #3	2.00	klockner	
	5 w-35 (adh to xir pet)	1.00	southwall	
	6 xir (metal to pet gs)	1.70	d&k	1.2 mil adhesive, 0.5 mil pet.
	7 pet glue/stamp .	32.80		thickness .030031
	Total	32.80		
	howard 1.0 coating	33.60	zeneca	•
	1 neocryl b725	33.60 31.20	20	
	2 EtOH	31.20		•
	3 nPOAc	31.20		
	J OF W			

		4.00 mores	th' diamenence	
4	citraflex a4	100.00		(aka - s)
otal	construction #6 - seems to stick ok, t	est so far, scale up. Mak	oberthur	(ara - 5)
	construction #6 - seems to acce on		operation	
1	pvc laminate	12.00	bemis	
	core pvc	2.00	d & k	
	bemis	1.70		plasma treated
4	pelgs	1.00	lawituoa	plasma ucato
	xir (metal to pet gs)	2.00	bemis	
•	5 bemis	12.00	oberthur	
	7 core pvc	1,60	oberthur	magnetics
- 1	8 pvc laminate	33.90		
Total	•			
	herslow sublemination			
Total Pric	9	seed on for smale UO. Mil	ke sub-laminat	(aka - t)
10th Liv	construction #7 seems to stick ok,	Dest so lar, scarc op	oberthur	
	1 pvc taminate	12.00	oberthur	
	2 core pvc	2.00	bemis	
	3 w 35	1.70	d&k	
	4 petos	1.00	southwall	plasma treated
	4 pergs 5 xir (metal to pet gs)		bemis	•
	2 XIL (WARNI ID her 84)	2.00	oberthur	
	6 bernis	12.00	oberthur	magnetics
	7 core pvc	1.60	Operano	
	8 pvc laminate	33.90	Inmiant	(aka - t)
Total	construction #7 - seems to stick of	(Brita - 4)		
	construction #7 - seems to aton or	1.60	oberthur	
	1 pvc laminate	12.00	benis	
	2 core pvc	2.00		
	3 w-35	1,70	dak	plasma treated
	4 petgs	1,00	southwall	pasina deser
	5 xir (metal to pet gs)	2.00	bemis	core to core = 14.2 lb.in.
	6 w-35	12.00	oberthur	core to core - 14.2 io
	7 core pvc	1.60	oberthur	magnetics
	A pvc taminate	33.90		
Total		- 4 - who 12 mil nyc c	ore	
, Cua	construction #8 - sublaminate to	se used with 12 min		
	1 w-35	1.70		
	2 pelgs	1.00		
	3 xir (metal to pet gs)	4.70		
	3 XX (Illegal to be; 3-)	4.70	-0.00	
Total	construction #9 - sublaminate to			
	1 pvc laminate	1.60		
	1 pvc taminate 2 w-35	2.00 1.70		
	3 petgs	1.00		
	4 xir (metal to pet gs)	2.00		
	5 bemis	1.60		
	6 pvc laminate	9.90		
Total	construction #10 (if u works)			
		2.00		
	1 w35	1.70		
	2 petgs	1.00		
	3 xir (metal to pet gs) 4 w35	2.00		

FIGURE 13 (Continued)

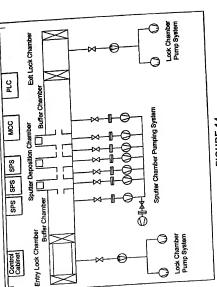


FIGURE 14

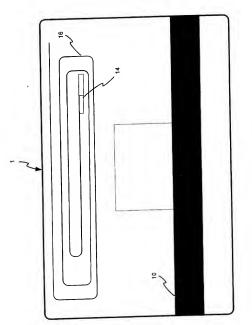


FIGURE 15A

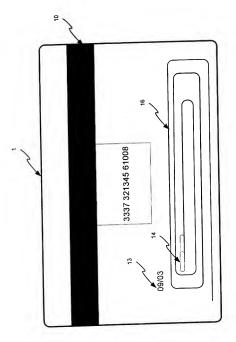


FIGURE 15B

FIGURE 16

FIGURE 17

FIGURE 18